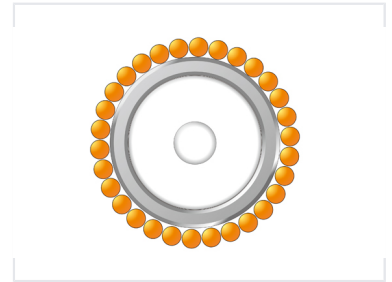


Medical Flexible RF Cable for Signal Transmission

This medical-grade flexible RF cable is designed for reliable signal transmission in sensitive medical applications. It features a durable construction with a silver-plated conductor, PTFE dielectric insulation, and a braided shield for optimal EMI/RFI protection.



Product Overview

High-Performance Medical RF Cable

This medical-grade flexible RF cable is engineered for reliable signal transmission in sensitive medical environments, such as MRI machines and patient monitoring systems. It features a durable, lightweight construction with high flexibility, allowing for easy routing in confined spaces. Designed for rigorous medical use, it offers excellent resistance to abrasion and torsion while supporting multiple sterilization methods.

Electrical Specifications

Dielectric Strength

1000 V

AC Voltage

Characteristic Impedance	50 Ω
Rated Voltage	30 V
Capacitance (1KHz)	95 nF/m
Max Attenuation (2.5GHz)	2 db/m
Conductor Resistance	300 Ω /m
Insulation Resistance	1524 M Ω /m

Construction & Materials

Construction Materials

Component	Material
Conductor	Stranded alloy wire
Insulation	Fluoroplastic
Shield	Al metalized polyester tape and silver-coated annealed copper

Environmental & Handling

Key Properties

Highly Flexible • Abrasion Resistant • Lightweight • Torsion Resistant

Operating Temperature	-15 to 90
Compatible Sterilization	EtO (Ethylene Oxide), Autoclaving, Cold Treatment, CIDEX (Glutaraldehyde), IPA (Isopropyl Alcohol)